

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014279.D
 Acq On : 26 Dec 2019 19:04
 Operator : JC/SP
 Sample : K6420-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Dec 27 07:21:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	530714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	826519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	744941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333359	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	297343	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
35) Dibromofluoromethane	5.49	113	242668	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
50) Toluene-d8	8.71	98	980070	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.14	95	336829	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	

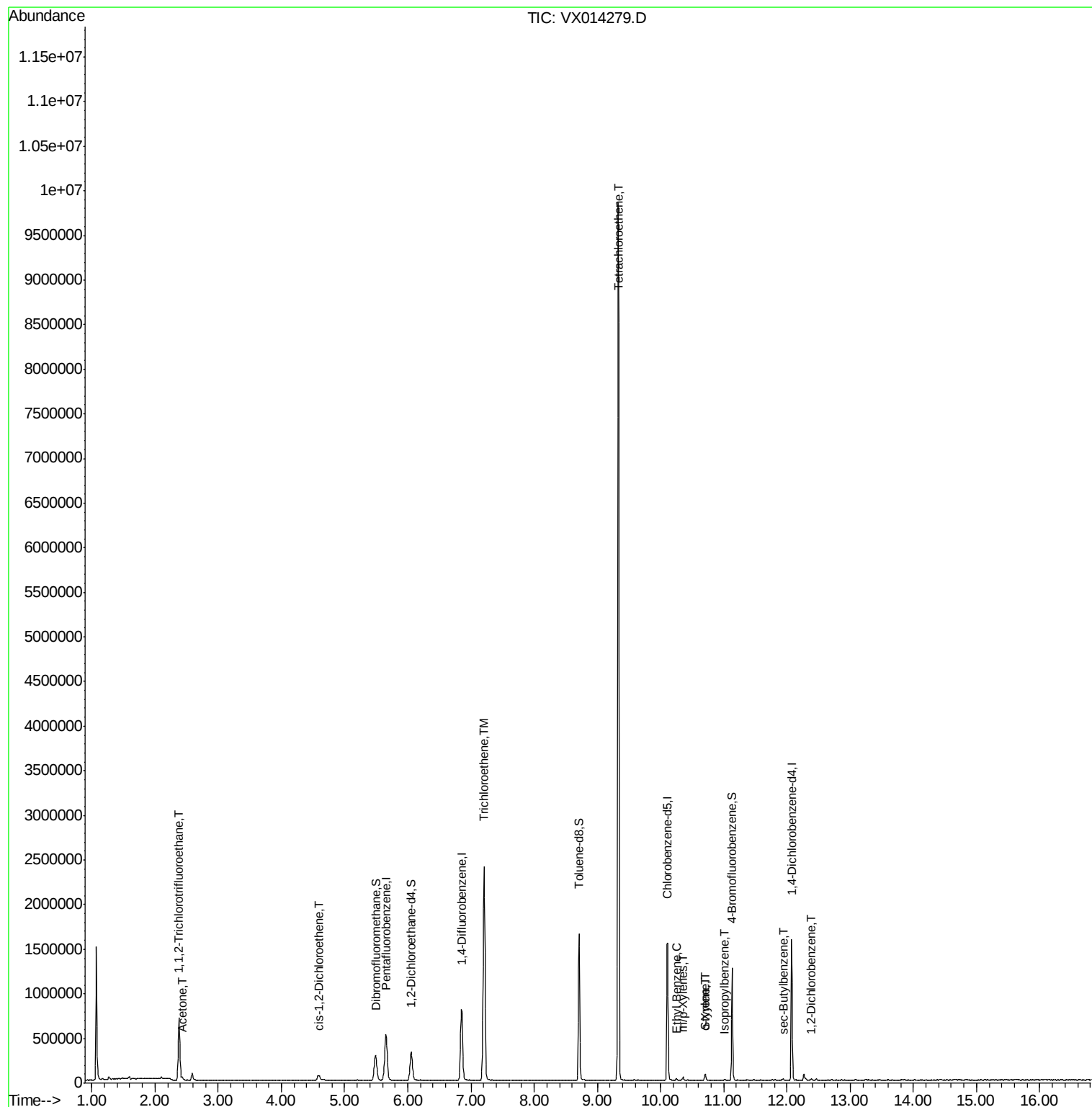
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	283866	56.580	ug/l	99
16) Acetone	2.43	43	31097	7.963	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	38777	6.096	ug/l	88
44) Trichloroethene	7.21	130	955009	148.175	ug/l	98
64) Tetrachloroethene	9.33	164	1943781	294.878	ug/l	98
67) Ethyl Benzene	10.25	91	13995	0.514	ug/l	93
68) m/p-Xylenes	10.35	106	10217	0.976	ug/l	100
69) o-Xylene	10.70	106	5873	0.572	ug/l	79
70) Styrene	10.71	104	24853	1.431	ug/l	97
73) Isopropylbenzene	11.01	105	6339	0.270	ug/l	86
85) sec-Butylbenzene	11.94	105	7490	0.330	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	4462	0.392	ug/l	99

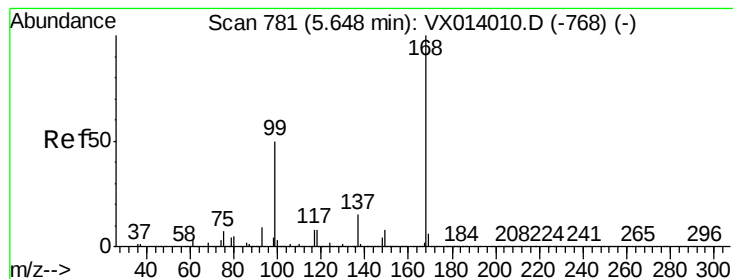
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122619\
Data File : VX014279.D
Acq On : 26 Dec 2019 19:04
Operator : JC/SP
Sample : K6420-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Dec 27 07:21:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

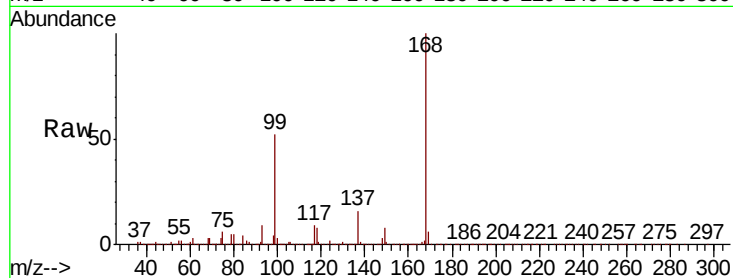
MW-2

Tot Ion:168 Resp: 530714

Ion Ratio Lower Upper

168 100

99 51.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

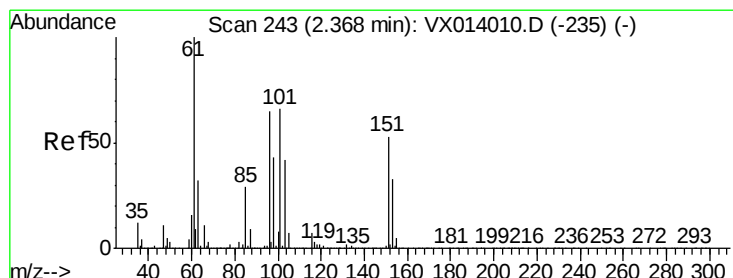
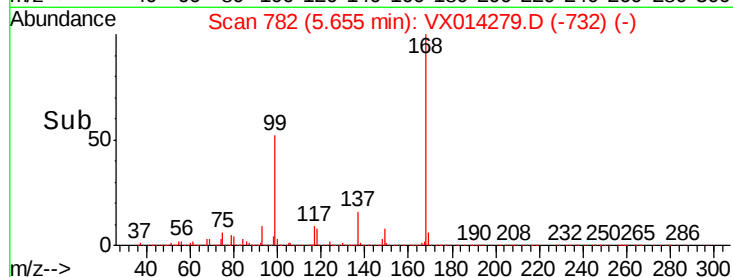
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.580 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

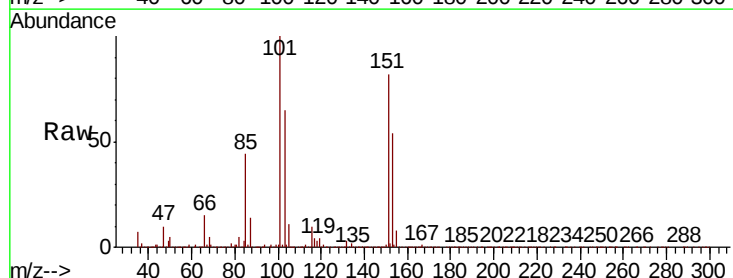
Tgt Ion:101 Resp: 283866

Ion Ratio Lower Upper

101 100

85 42.6 33.7 50.5

151 80.9 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.38

200000

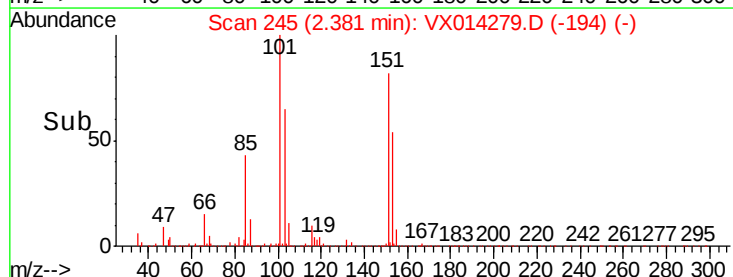
150000

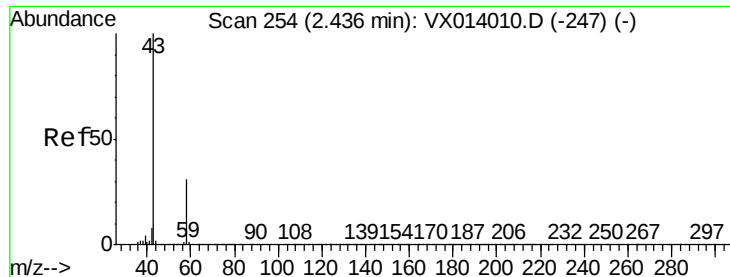
100000

50000

0

Time-->





#16

Acetone

Concen: 7.963 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

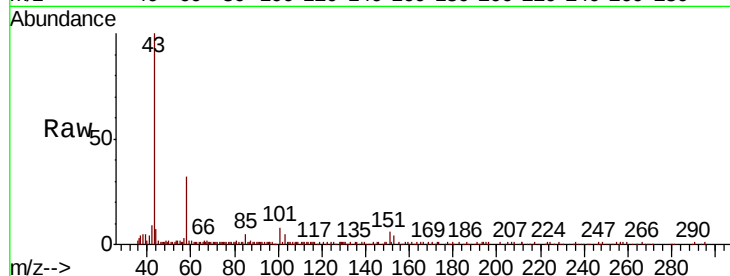
MW-2

Tot Ion: 43 Resp: 31097

Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

20000

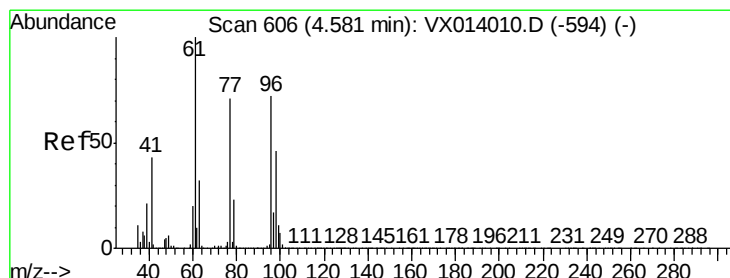
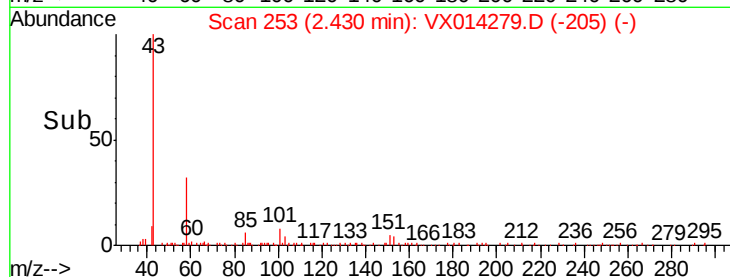
15000

10000

5000

0

Time--> 2.35 2.40 2.45 2.50



#27

cis-1,2-Dichloroethene

Concen: 6.096 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

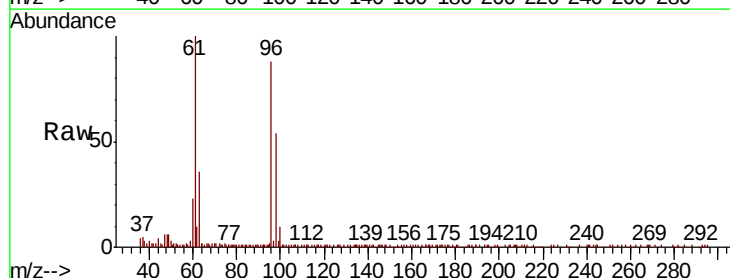
Tgt Ion: 96 Resp: 38777

Ion Ratio Lower Upper

96 100

61 122.8 0.0 288.4

98 65.3 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

20000

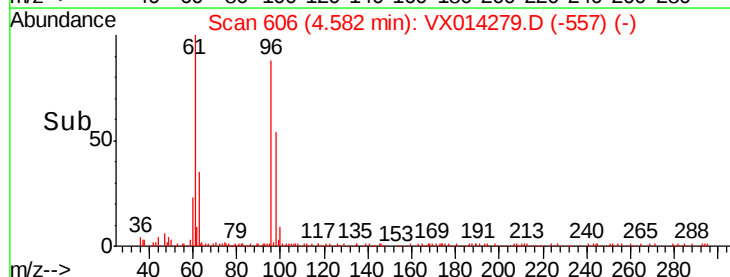
15000

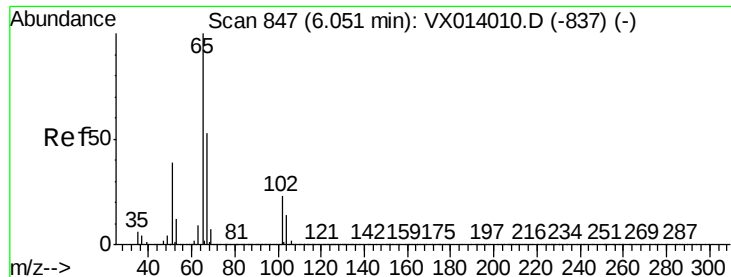
10000

5000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 49.434 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

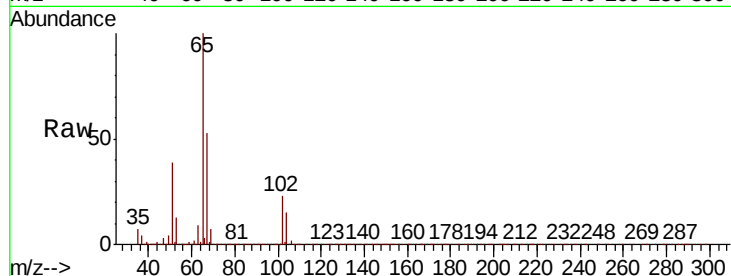
MW-2

Tot Ion: 65 Resp: 297343

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

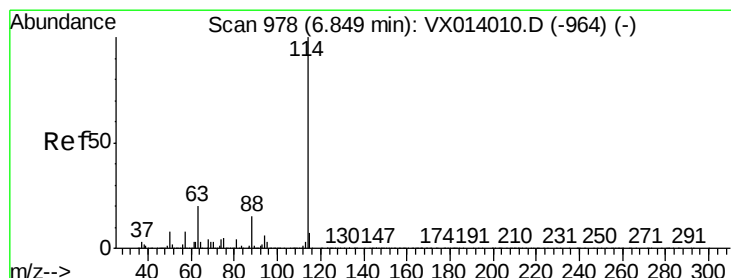
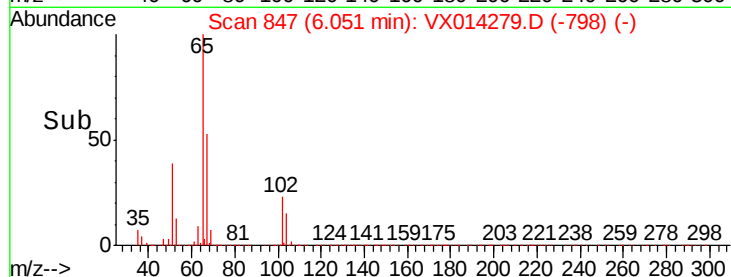
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

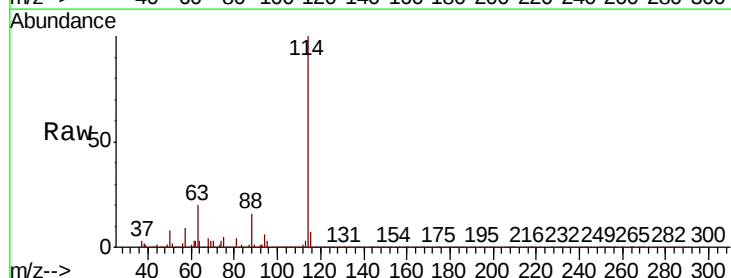
Tgt Ion: 114 Resp: 826519

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

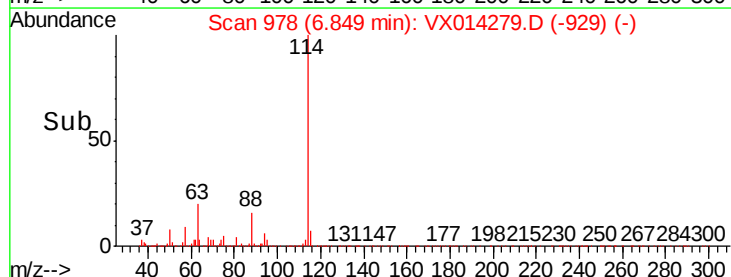
300000

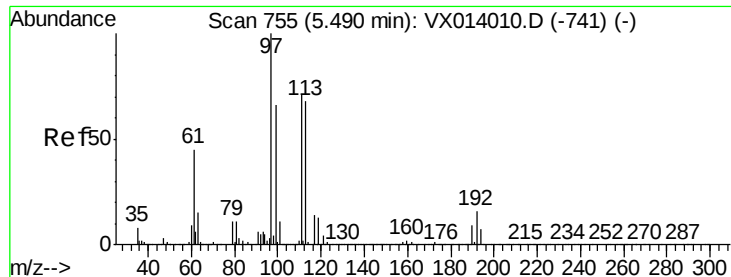
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

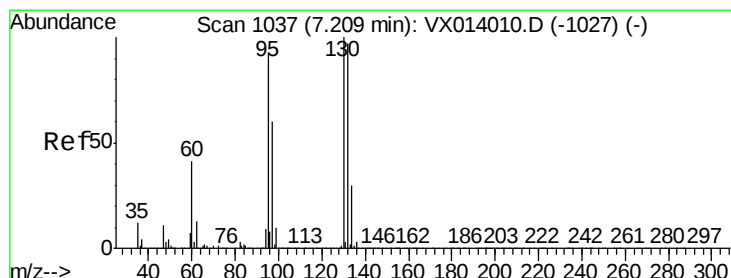
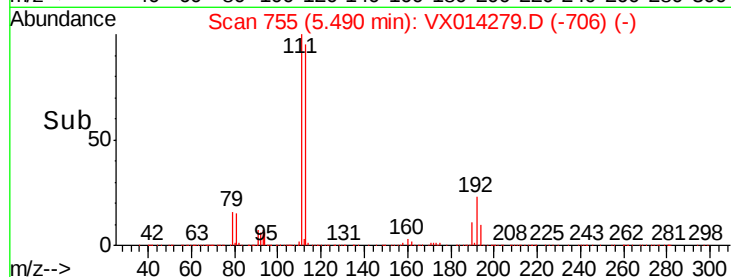
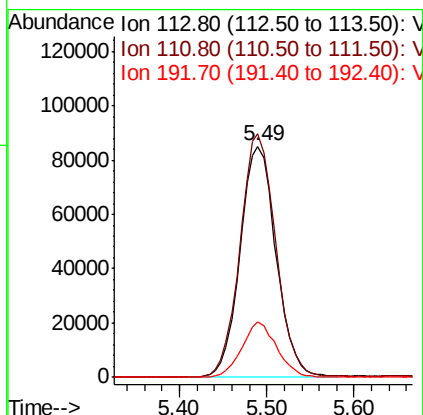
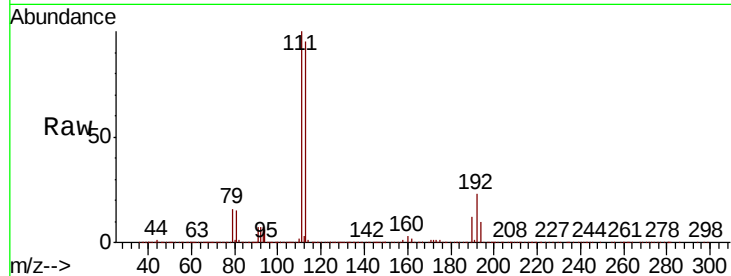




#35
Dibromofluoromethane
Concen: 48.299 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014279.D
Acq: 26 Dec 2019 19:04

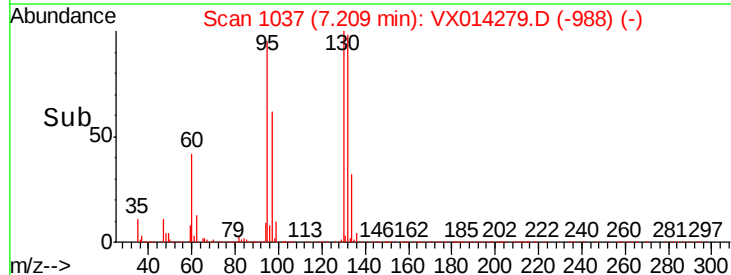
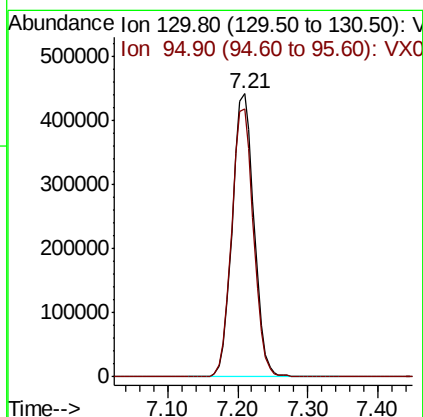
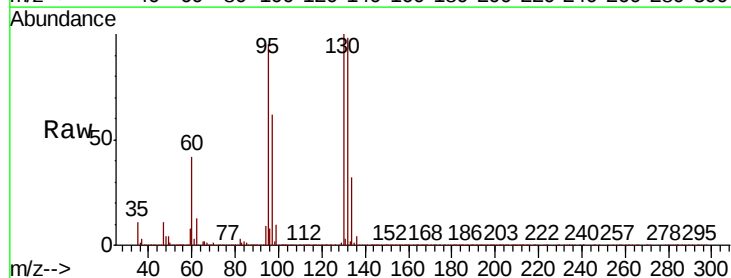
Instrument :
MSVOA_X
ClientSampleId :
MW-2

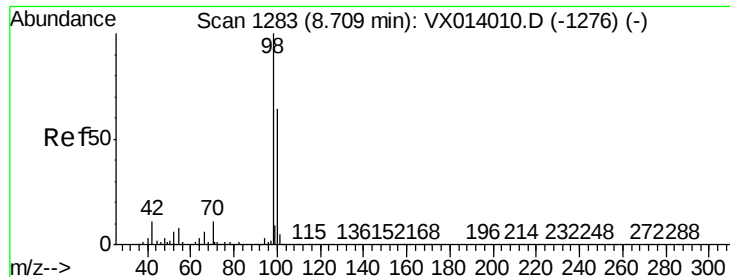
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.0	123.0
192	23.1	19.3	28.9



#44
Trichloroethene
Concen: 148.175 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014279.D
Acq: 26 Dec 2019 19:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	185.6





#50

Toluene-d8

Concen: 50.103 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

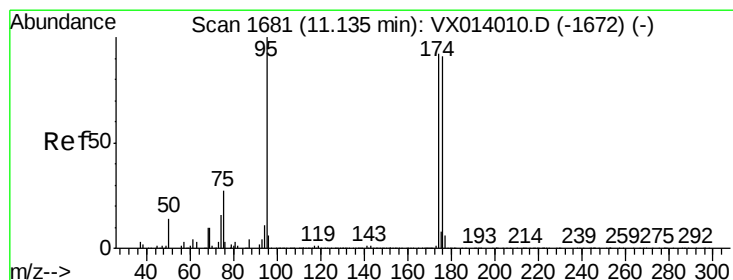
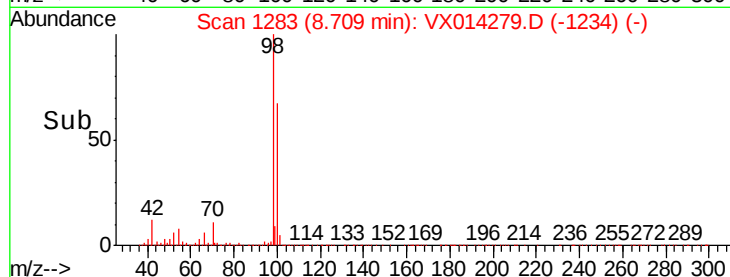
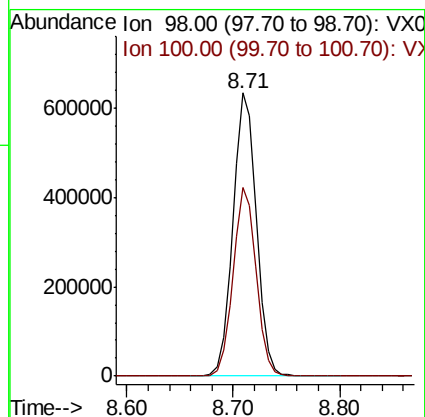
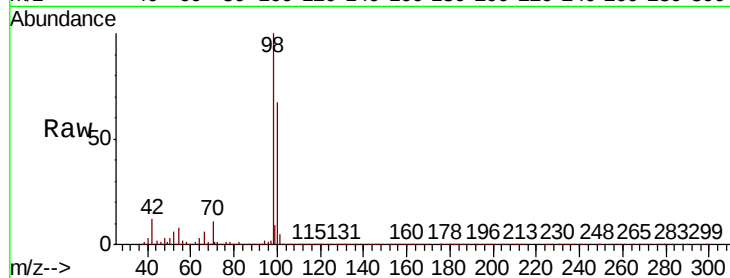
MW-2

Tot Ion: 98 Resp: 980070

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.106 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

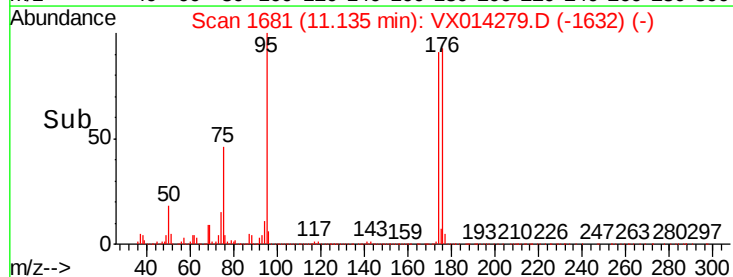
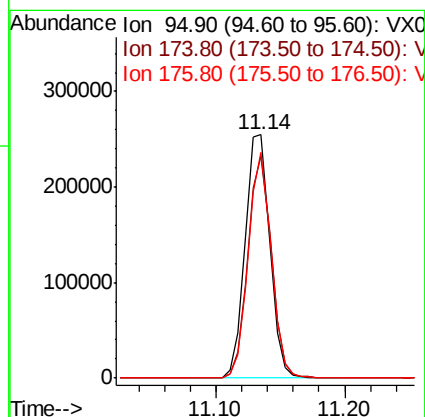
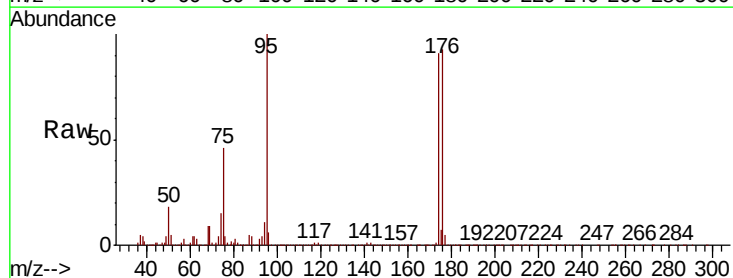
Tgt Ion: 95 Resp: 336829

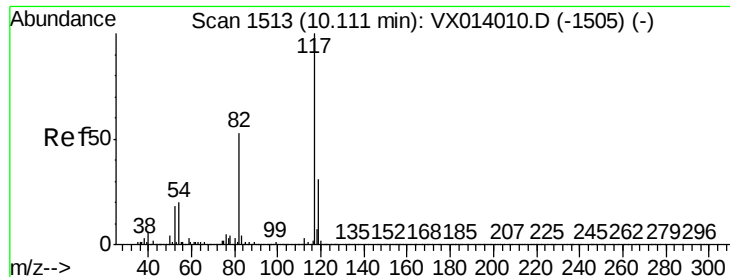
Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.8

176 85.9 0.0 173.0

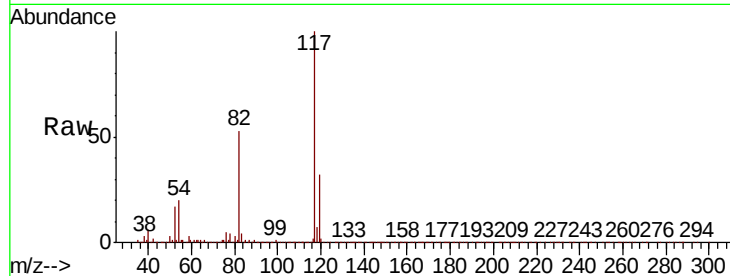




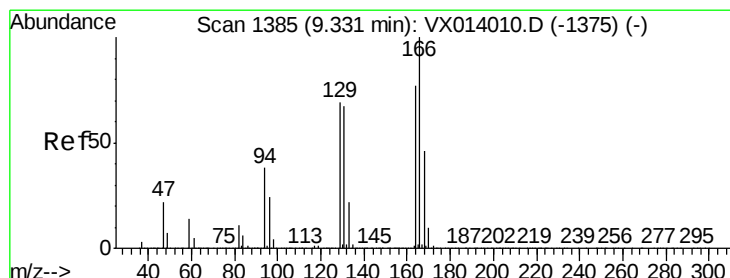
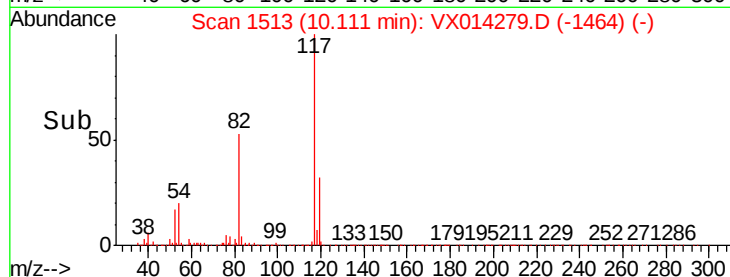
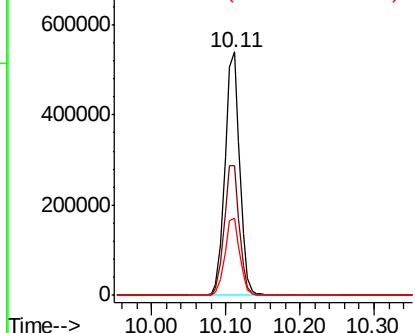
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014279.D
Acq: 26 Dec 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	31.5	25.1	37.7



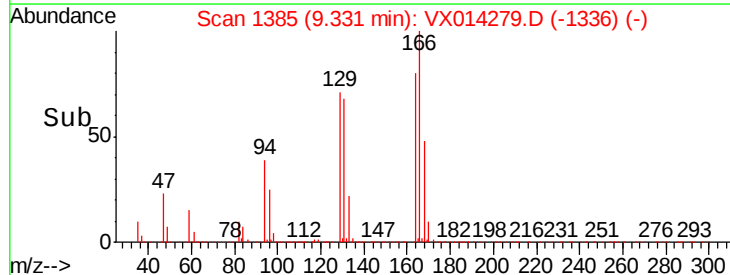
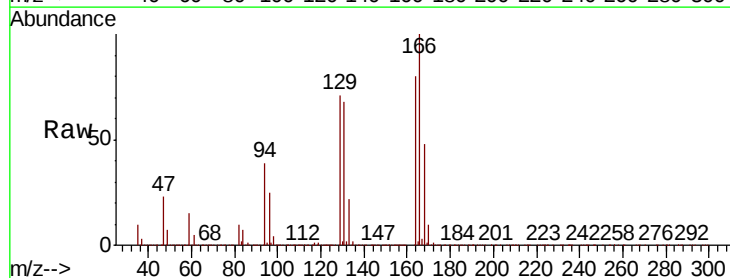
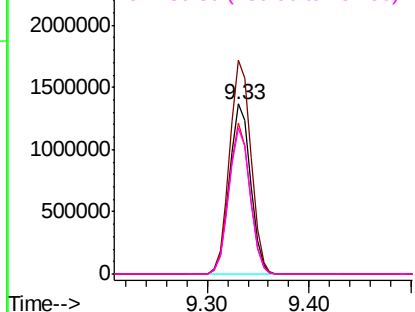
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

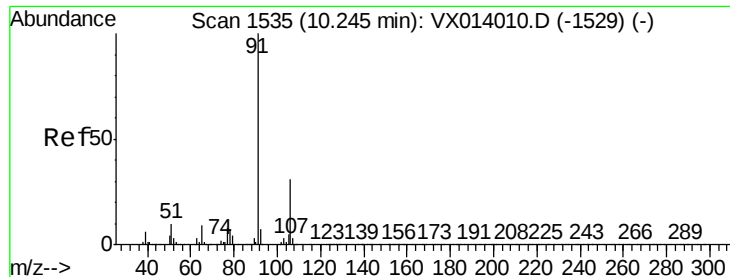


#64
Tetrachloroethene
Concen: 294.878 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014279.D
Acq: 26 Dec 2019 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	104.0	156.0
129	89.0	72.2	108.4
131	85.6	69.6	104.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

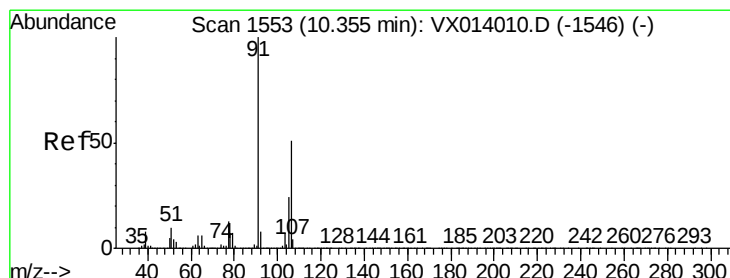
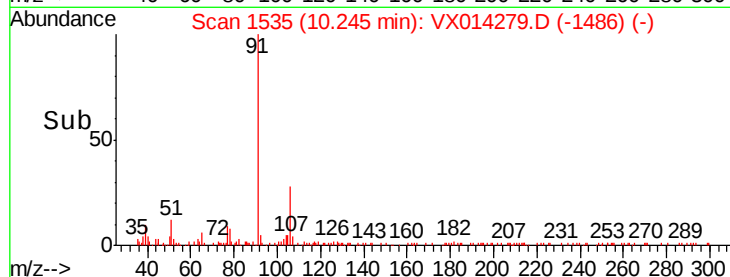
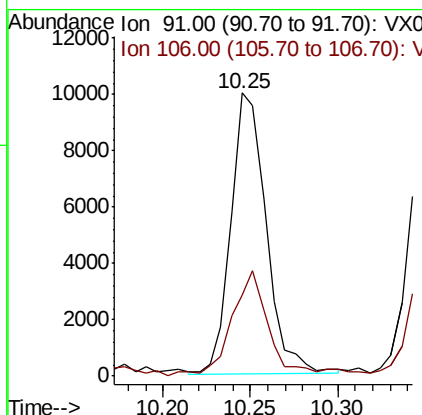
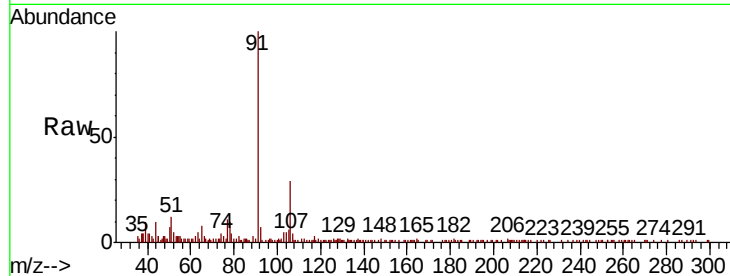




#67
Ethyl Benzene
Concen: 0.514 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014279.D
Acq: 26 Dec 2019 19:04

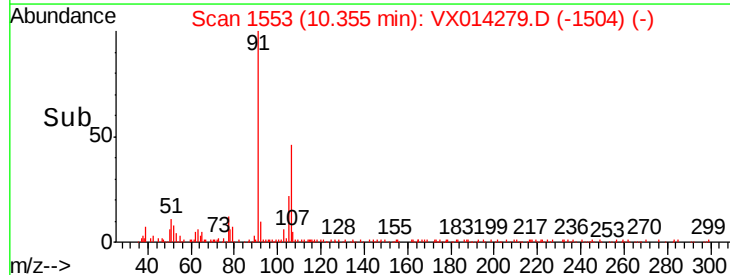
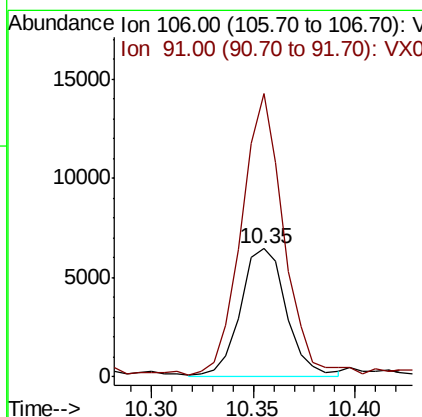
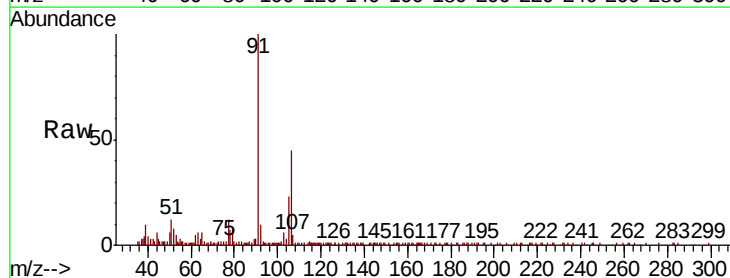
Instrument :
MSVOA_X
ClientSampled :
MW-2

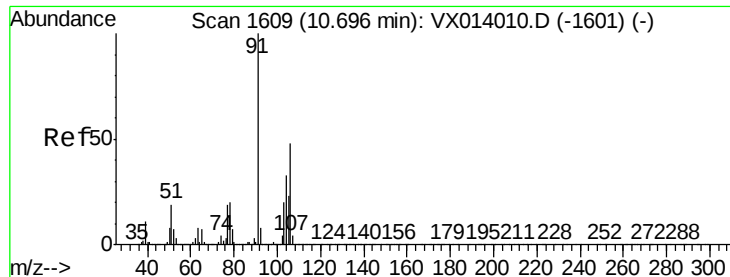
Tot Ion: 91 Resp: 13995
Ion Ratio Lower Upper
91 100
106 27.4 25.0 37.6



#68
m/p-Xylenes
Concen: 0.976 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014279.D
Acq: 26 Dec 2019 19:04

Tgt Ion: 106 Resp: 10217
Ion Ratio Lower Upper
106 100
91 199.1 158.6 238.0

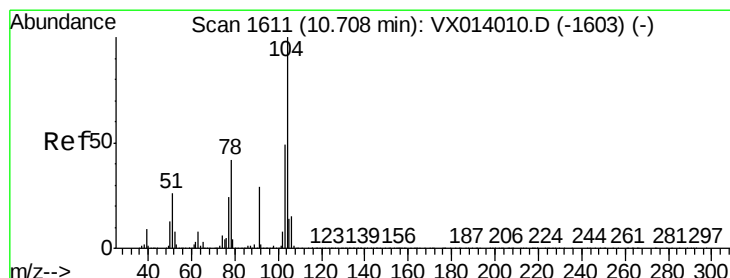
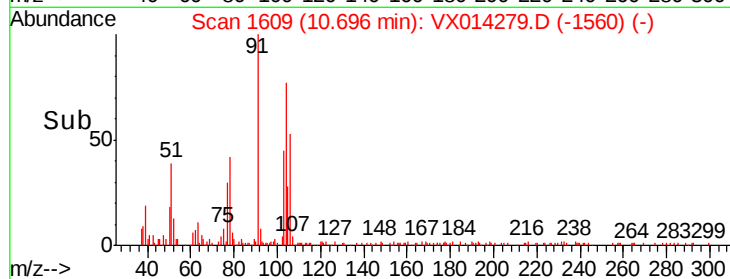
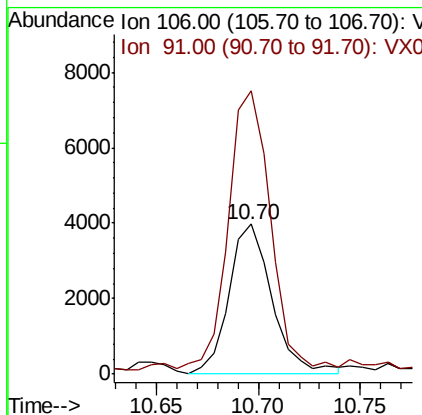
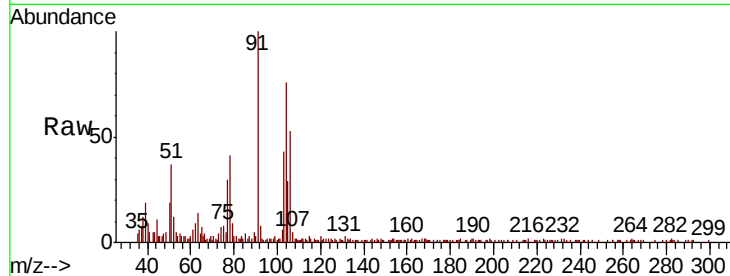




#69
o-Xylene
Concen: 0.572 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014279.D
Acq: 26 Dec 2019 19:04

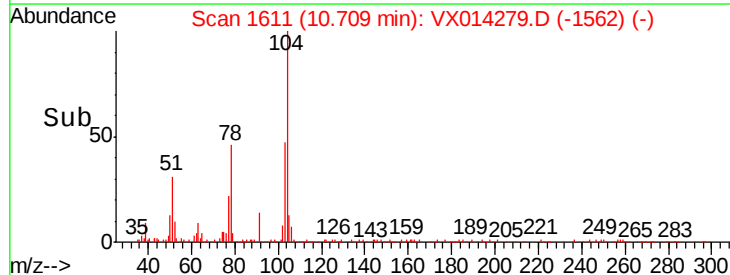
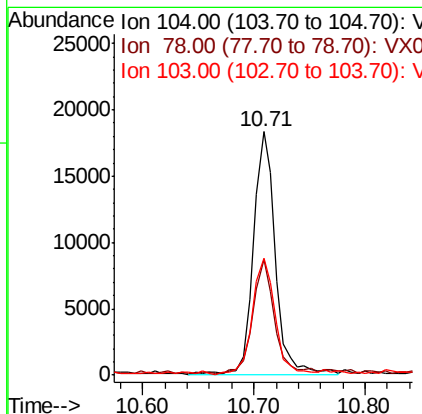
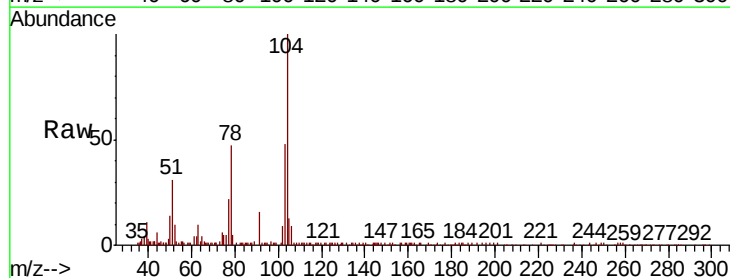
Instrument :
MSVOA_X
ClientSampleId :
MW-2

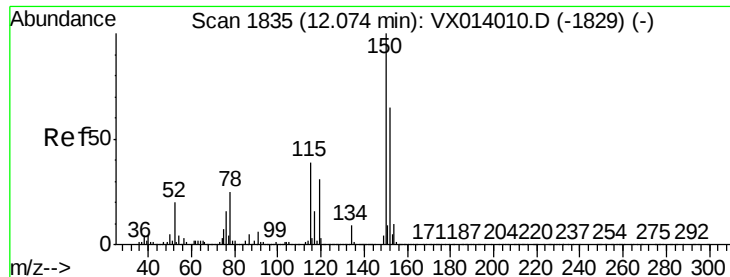
Tot Ion:106 Resp: 5873
Ion Ratio Lower Upper
106 100
91 175.8 104.2 312.6



#70
Styrene
Concen: 1.431 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014279.D
Acq: 26 Dec 2019 19:04

Tgt Ion:104 Resp: 24853
Ion Ratio Lower Upper
104 100
78 45.8 38.5 57.7
103 51.5 42.9 64.3



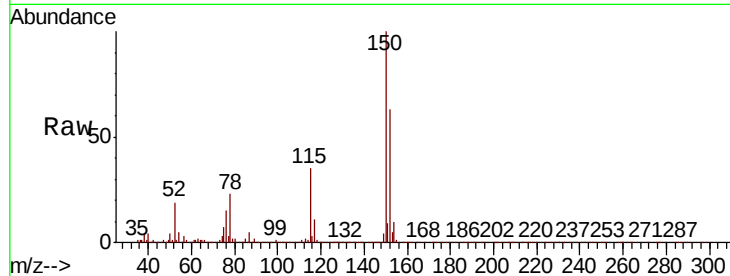


#72

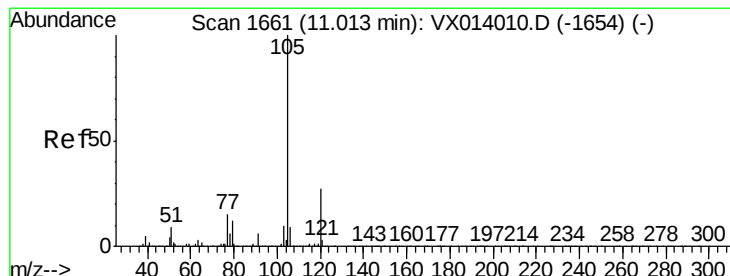
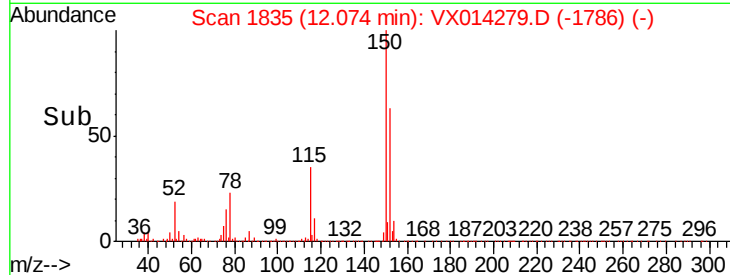
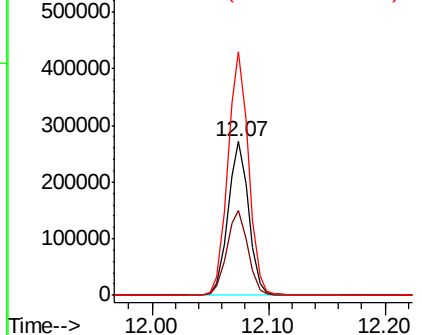
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014279.D
Acq: 26 Dec 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	38.3	114.9
150	158.3	0.0	345.4



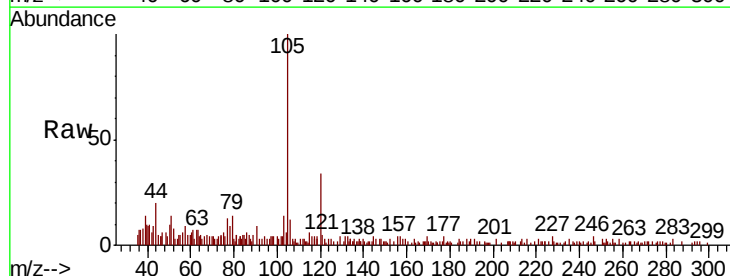
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



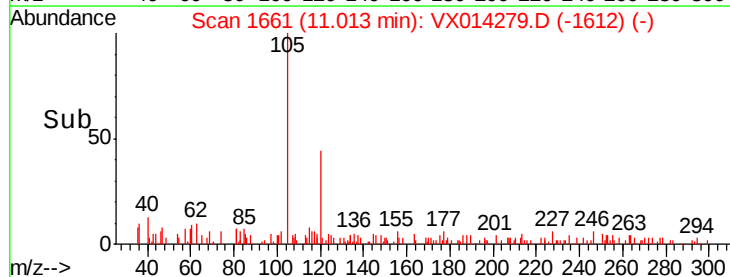
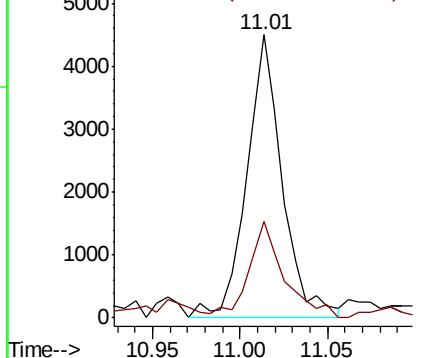
#73

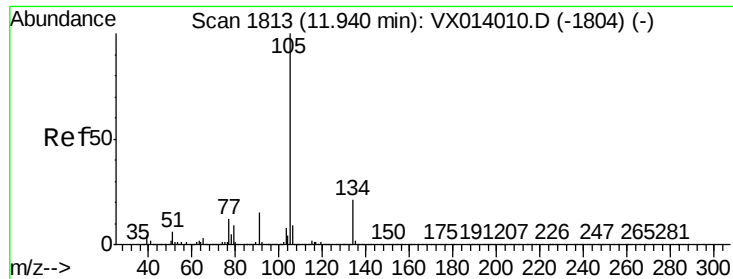
Isopropylbenzene
Concen: 0.270 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014279.D
Acq: 26 Dec 2019 19:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	33.9	13.5	40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.330 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

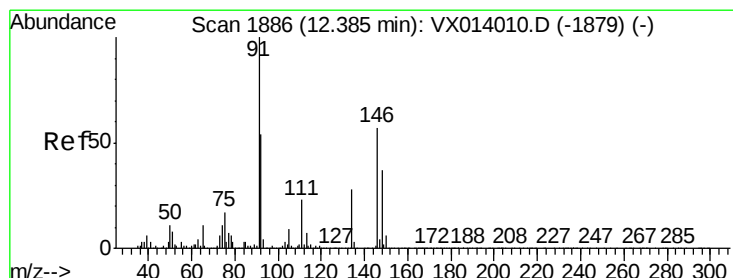
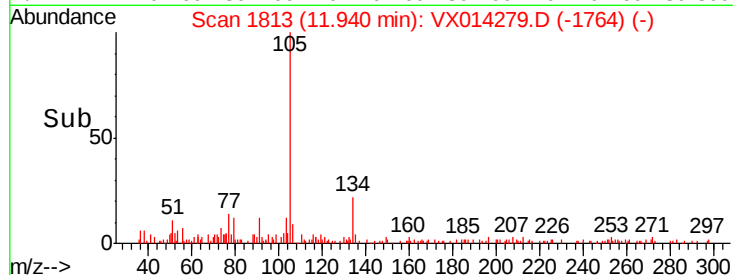
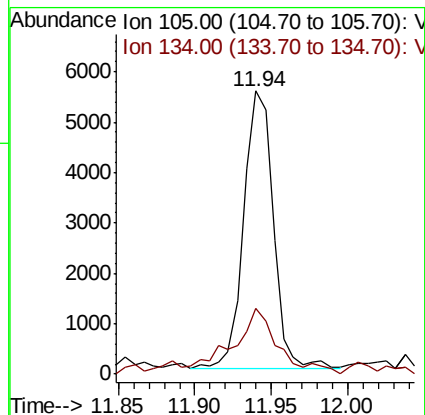
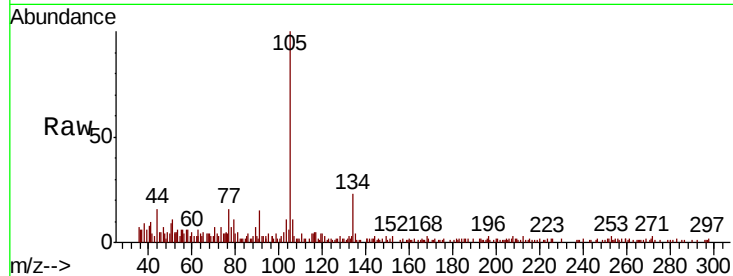
MW-2

Tot Ion:105 Resp: 7490

Ion Ratio Lower Upper

105 100

134 27.3 10.4 31.1



#91

1,2-Dichlorobenzene

Concen: 0.392 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX014279.D

Acq: 26 Dec 2019 19:04

Tgt Ion:146 Resp: 4462

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.1

148 64.3 32.1 96.5

